

ABSTRACT OF THE DISCLOSURE

A motor stator of an electric motor is mounted in a motor case that is mounted on the cylinder block of an engine. A motor rotor of the electric motor is mounted on a rotor mounting member which is mounted on the engine crankshaft. An outer periphery of the motor case periphery wall of the motor case is formed integral with a terminal box having vertical walls and an aperture portion directed in an outward radial direction. The motor case periphery enclosed by the vertical walls is formed with a motor-side through hole, directed in the outward radial direction. The motor-side coil wire is mounted to a motor-side connection terminal that is embedded and retained in the motor-side through hole by molding. The molding seals the motor-side through hole.